



MI-CW4609

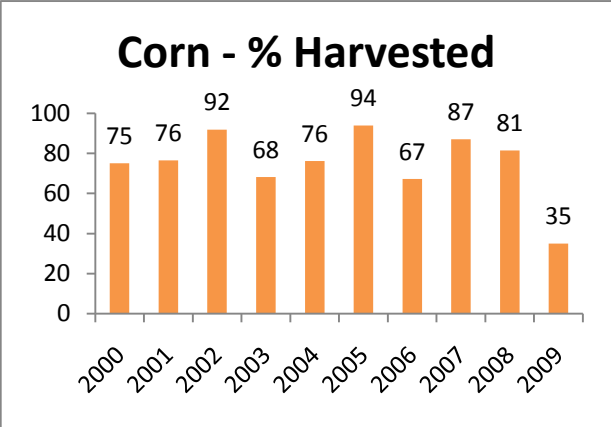
# Michigan Crop Weather

November 16, 2009

## Harvest Progressing

Six days were suitable for fieldwork during the week ending November 15, according to the USDA, NASS, Michigan Field Office. Precipitation varied from zero to .08 inch. Average temperatures ranged from 5 degrees above normal in the west central, southwest, and central Lower Peninsula to 7 degrees above normal in the Upper Peninsula and northern Lower Peninsula. Field activities progressed at a faster pace due to warmer than normal temperatures. Some growers continued to experience harvest delays due to high moisture content in corn grain. Fall activities included planting winter wheat, harvesting soybeans, corn, and sugarbeets, and preparing fields and equipment for the winter season.

## As of November 15



## Field Crops

Warmer temperatures aided in the dry down and harvest of crops. **Corn** harvest was continued as conditions permitted. In the northeast, some corn was taken off as high moisture and used as dairy feed. In the west central, some corn harvested as high moisture was stored in silos. Moisture levels remained high in the corn crop. Therefore, growers experienced high drying costs and lengthy lines at elevators. **Sugarbeet** and **soybean** harvest was all but complete. The last of the 2010 **wheat** crop was planted. However, in the Southeast, there was concern whether the crop would germinate before the snow starts.



Soil moisture for week ending 11/15/09

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	2	3	79	16
Subsoil	3	5	78	14

Crop condition for week ending 11/15/09

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	5	14	31	39	11
Pasture	10	17	30	30	13
Winter Wheat	1	4	43	41	11

Crop progress for week ending 11/15/09

Crop	This week	Last week	Last year	5-year average
	Percent	Percent	Percent	Percent
Apples, harvested	97	90	100	100
Corn, mature	95	89	100	100
Corn, harvested	35	16	81	81
Soybeans, harvested	94	79	99	95
Sugarbeets, harvested	98	89	97	97
Winter wheat, planted	95	87	100	98
Winter wheat, emerged	83	64	97	92

Michigan Weather Summary for Week Ending 11/15/09 <sup>1</sup>

Station	Temperature			Cumulative growing degree days <sup>2</sup>			Precipitation					
	Maximum	Minimum	Departure from normal	2009	2008	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	57	23		1,888	2,048		0.03	0.08	2.72	18.89		
Marquette	55	23		1,726	1,911		0.03	0.08	2.72	20.94		
Stephenson	56	19		2,148	2,372		0.00	0.05	3.02	21.86		
Western UP	59	16	7	1,867	1,992	2,048	0.03	0.08	2.65	19.84	23.72	2.54
Cornell	60	25		2,995	2,237		0.03	0.04	2.81	18.34		
Sault St Marie	53	25		1,749	1,947		0.04	0.26	4.53	20.58		
Eastern UP	60	22	7	1,948	1,954	1,790	0.03	0.23	3.48	21.89	22.79	2.65
Beulah	61	28		2,218	2,605		0.00	0.07	2.55	23.85		
Lake City	62	21		2,095	2,416		0.00	0.09	3.96	26.26		
Old Mission	61	26		2,101	2,488		0.00	0.18	2.64	19.11		
Pellston	62	18		1,959	2,296		0.00	0.08	2.97	19.51		
Northwest	63	18	7	2,041	2,384	2,360	0.00	0.23	2.89	20.40	22.10	2.69
Alpena	64	21		2,087	2,401		0.00	0.26	3.16	26.87		
Houghton Lake	60	20		2,108	2,460		0.00	0.16	3.41	23.49		
Rogers City	62	22		2,028	2,366		0.00	0.09	3.29	29.30		
Northeast	64	20	7	2,070	2,393	2,277	0.00	0.16	3.15	25.06	21.47	2.57
Fremont	64	25		2,429	2,691		0.00	0.04	4.59	24.22		
Hart	62	26		2,293	2,584		0.00	0.07	2.91	22.72		
Muskegon	63	27		2,652	2,764		0.00	0.09	4.52	23.15		
West Central	64	19	5	2,415	2,644	2,584	0.00	0.07	4.64	24.08	22.36	2.88
Alma	65	25		2,489	2,812		0.00	0.14	3.83	25.63		
Big Rapids	65	21		2,297	2,670		0.00	0.17	6.37	29.49		
Central	65	21	5	2,397	2,724	2,671	0.00	0.12	4.18	24.77	22.69	2.49
Bad Axe	66	25		2,342	2,706		0.00	0.09	1.44	20.71		
Pigeon	68	25		2,311	2,612		0.01	0.11	2.68	22.14		
Saginaw	65	26		2,573	2,903		0.00	0.13	3.01	21.32		
Standish	65	21		2,276	2,558		0.00	0.07	3.40	22.22		
East Central	68	21	6	2,334	2,721	2,687	0.00	0.12	2.64	22.50	20.27	2.23
Fennville	62	24		2,528	2,795		0.00	0.03	5.61	29.01		
Grand Rapids	65	27		2,808	3,133		0.00	0.14	5.75	30.50		
Holland	72	28		2,933	3,175		0.00	0.07	6.49	43.03		
South Bend, IN	66	24		2,978	3,273		0.21	0.21	3.32	28.13		
Watervliet	65	26		2,743	2,992		0.02	0.07	4.32	26.42		
Southwest	72	22	5	2,757	3,018	2,954	0.03	0.09	4.47	27.92	23.85	2.79
Belding	65	25		2,455	2,772		0.00	0.14	4.99	26.51		
Coldwater	65	25		2,852	3,034		0.02	0.03	1.27	22.17		
Lansing	67	22		2,654	3,000		0.00	0.08	2.81	29.13		
South Central	67	20	6	2,600	2,937	2,896	0.02	0.23	3.18	26.18	22.56	2.32
Detroit	66	32		3,065	3,334		0.05	0.05	1.51	23.24		
Flint	66	22		2,605	3,040		0.01	0.11	2.28	26.78		
Romeo	64	27		2,626	2,880		0.01	0.01	2.26	23.23		
Tipton	67	31		2,731	3,032		0.09	0.09	2.22	25.00		
Toledo, OH	68	29		3,061	3,327		0.04	0.04	1.37	24.73		
Southeast	69	21	6	2,744	3,098	2,891	0.08	0.10	1.86	22.84	21.62	2.44

<sup>1</sup> Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

<sup>2</sup> Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.